(FILE 'HOME' ENTERED AT 10:48:48 ON 04 DEC 2008)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 10:49:12 ON 04 DEC 2008

- L1 162207 S (MULTIPOTENT OR ADULT OR HEMATOPOIETIC OR NEURAL OR PANCREATI
- L2 6017 S EMBRYOID(W)BODY
- L3 691 S L1 AND L2
- L4 100 S L1(10A)L2
- L5 64 DUP REM L4 (36 DUPLICATES REMOVED)
- => d au ti so pi 30-64 15
- L5 ANSWER 30 OF 64 MEDLINE on STN DUPLICATE 6
- AU Muller-Ehmsen Jochen; Schmidt Annette; Krausgrill Benjamin; Schwinger Robert H G; Bloch Wilhelm
- TI Role of erythropoietin for angiogenesis and vasculogenesis: from embryonic development through adulthood.
- SO American journal of physiology. Heart and circulatory physiology, (2006 Jan) Vol. 290, No. 1, pp. H331-40. Electronic Publication: 2005-07-15. Journal code: 100901228. ISSN: 0363-6135.
- L5 ANSWER 31 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Cai, Jingli; Shin, Soojung; Wright, Lynda; Liu, Ying; Zhou, Daixing; Xue, Haipeng; Khrebtukova, Irina; Mattson, Mark P.; Svendsen, Clive N.; Rao, Mahendra S.
- TI Massively Parallel Signature Sequencing Profiling of Fetal Human Neural Precursor Cells
- SO Stem Cells and Development (2006), 15(2), 232-244 CODEN: SCDTAE; ISSN: 1547-3287
- L5 ANSWER 32 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Yang, Shufa; Wang, Shuling; Xiao, Zhifeng
- TI Acceleration of vascular endothelial growth factor on proliferation of neural stem cells derived from embryonic stem cells
- SO Zhongguo Linchuang Kangfu (2006), 10(1), 12-14, 1 plate CODEN: ZLKHAH; ISSN: 1671-5926
- L5 ANSWER 33 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Zhang, Su-Chun; Thomson, James A.; Duncan, Ian David; Li, Xue-Jun
- TI Method of in vitro differentiation of neural stem cells, motor neurons, and dopamine neurons from primate embryonic stem cells
- SO PCT Int. Appl., 84 pp.

CODEN: PIXXD2

	PATENT NO.					KIND DATE				APPL	ICAT		DATE					
ΡI							20050310 20050519		1	WO 2	004-		2	0040	327			
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	SN, TD, TG AU 2004269361				A1		2005	0310	;	AU 2	004-	2693	61		2	0040	327	

CA	2536	588			A1	200	50310	CA 2	2004-		20040827					
GB	2421	029			Α	200	60614	GB 2	2006-		20040827					
GB	2421	029			В	200	80409									
EP	1670	901			A2	200	60621	EP 2	2004-		20040827					
	R:	ΑT,	BE,	CH,	DE,	DK, ES	, FR,	GB, GR,	ΙΤ,	LI,	LU,	NL,	SE,	MC,	PT,	
	IE, SI, FI, RO,					CY, TF	BG,	CZ, EE,	HU,	PL,	SK					
JΡ	2007503811					200	70301	JP 2	2006-		20040827					
KR	2006	1153	51		А	200	61108	KR 2	2006-	7042	26		20060228			

- L5 ANSWER 34 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Hong, Hyo Jeong; Ryu, Chun Je; Son, Yeon Sung; Park, Jae Hyun; Kang, Young Kook; Yoon, Hyun Soo; Lee, Jung Bok; Roh, Sung Il; Im, Ji Young; Bae, Soo Kyung; Ko, Myoung Seok
- TI Differentiation of a human neural progenitor cell line from embryonic stem cells useful for production of insulin secreting cells for treating brain disease and diabetes
- SO Repub. Korean Kongkae Taeho Kongbo, No pp. given CODEN: KRXXA7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡI	KR 2005083106	A	20050825	KR 2004-11705	20040221

- L5 ANSWER 35 OF 64 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
- AU Lee, Gabsang [Reprint Author]; Sheih, Jae-hung; Hwang, Woosuk; Moore, Malcolm A. S.
- TI Step-wise differentiation of CD34+cell derived from nuclear transfer-human embryonic stem cells into myeloid and lymphoid precursors.
- SO Blood, (NOV 16 2005) Vol. 106, No. 11, Part 1, pp. 1007A.

 Meeting Info.: 47th Annual Meeting of the American-Society-of-Hematology.

 Atlanta, GA, USA. December 10 -13, 2005. Amer Soc Hematol.

 CODEN: BLOOAW. ISSN: 0006-4971.
- L5 ANSWER 36 OF 64 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
- AU Shaaban, Aimen F. [Reprint Author]; Golos, Thaddeus G.; Thomson, James A.; Rajesh, Deepika
- TI Differential patterns of transcriptional protein expression may explain functional differences between hematopoietic progenitors derived from human ESC's and fetal hematopoietic tissues.
- SO Blood, (NOV 16 2005) Vol. 106, No. 11, Part 1, pp. 1007A.

 Meeting Info.: 47th Annual Meeting of the American-Society-of-Hematology.

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- L5 ANSWER 37 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Zambidis, Elias T.; Peault, Bruno; Park, Tea Soon; Bunz, Fred; Civin, Curt I.
- TI Hematopoietic differentiation of human embryonic stem cells progresses through sequential hematoendothelial, primitive, and definitive stages resembling human yolk sac development
- SO Blood (2005), 106(3), 860-870 CODEN: BLOOAW; ISSN: 0006-4971
- L5 ANSWER 38 OF 64 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
- AU Li, Yanjun; McClintick, Jeanette; Zhong, Li; Edenberg, Howard J.; Yoder, Mervin C.; Chan, Rebecca J. [Reprint Author]
- TI Murine embryonic stem cell differentiation is promoted by SOCS-3 and inhibited by the zinc finger transcription factor Klf4.
- SO Blood, (January 15 2005) Vol. 105, No. 2, pp. 635-637. print.

CODEN: BLOOAW. ISSN: 0006-4971.

- L5 ANSWER 39 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Liu, Hui; Roy, Krishnendu
- TI Biomimetic Three-Dimensional Cultures Significantly Increase Hematopoietic Differentiation Efficacy of Embryonic Stem Cells
- SO Tissue Engineering (2005), 11(1/2), 319-330 CODEN: TIENFP; ISSN: 1076-3279
- L5 ANSWER 40 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Hirose, Megumi; Hashimoto, Hitoshi; Shintani, Norihito; Nakanishi, Megumi; Arakawa, Naohisa; Iga, Junko; Niwa, Hitoshi; Miyazaki, Jun-Ichi; Baba, Akemichi
- ${\tt TI}$ Differential expression of mRNAs for PACAP and its receptors during neural differentiation of embryonic stem cells
- SO Regulatory Peptides (2005), 126(1-2), 109-113 CODEN: REPPDY; ISSN: 0167-0115
- L5 ANSWER 41 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Eriksson, Peter; Zetterstroem, Mathilda; Enerbaeck, Sven
- TI A method for the generation of neural progenitor cells
- SO PCT Int. Appl.

CODEN: PIXXD2 PATENT NO. KIND DATE APPLICATION NO. _____ ____ _____ _____ A2 WO 2004099395 20041118 WO 2004-EP5034 20040510 PΙ WO 2004099395 А3 20050317 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG 20070125 US 20070020608 Α1 US 2006-555306 20060214

- L5 ANSWER 42 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Schulz, Thomas C.; Condie, Brian; Robins, Allan
- TI Neural differentiation of human embryonic stem cells using protease passaging techniques, and applications in treating neural disorders
- SO PCT Int. Appl., 110 pp

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	PATE	. O <i>V</i>			KIN	D	DATE		APPLICATION NO.							DATE		
ΡI	WO 20	WO 2004090096				A2		20041021		Ţ	WO 2	004-1	JS10:	121		20040331		
	WO 2004090096					A3 200503			0303									
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			SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,
			TD,	ΤG														

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                          20041021 CA 2004-2521039
20060118 EP 2004-758764
CA 2521039
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EP 1615997
                    Α2
                                                             20040331
    R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
        IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
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                                      US 2006-551603
                                                             20060120
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- L5 ANSWER 43 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Condie, Brian; Bieberich, Erhard
- TI Enrichment and production of human neural stem cells using ceramide analogs and MEDII conditioned medium, and PAR-4-mediated modulation of apoptosis, and therapeutic use
- SO PCT Int. Appl., 88 pp.

CODEN: PIXXD2 PATENT NO. KIND DATE APPLICATION NO. DATE _____ ____ _____ A2 20040408 A3 20050825 WO 2004029203 WO 2003-US30112 20030925 РΤ WO 2004029203 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, F1, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, F1, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, RF RT CF CG CT CM GA, GN, GO, GW, MI, MR, NE, SN, TD, TG BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG AU 2003276924 A1 20040419 AU 2003-276924 20030925 US 20060014280 Α1 20060119 US 2005-529115 20050815 US 7445931 В2 20081104

- L5 ANSWER 44 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Bhatia, Mickie
- TI Production of human hematopoietic cells from embryonic stem cells in the presence of hematogenic cytokines and BMP proteins for therapeutic use
- SO U.S. Pat. Appl. Publ., 25 pp.

CODEN: USXXCO

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PΤ	US 20040110286	A 1	20040610	US 2002-313195	20021206

- L5 ANSWER 45 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Jessell, Thomas M.; Wichterle, Hynek; Lieberam, Ivo

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- TI Methods for inducing differentiation of embryonic stem cells into neural cells and uses thereof
- SO U.S. Pat. Appl. Publ., 34 pp.

CODEN: USXXCO

		JENI: TENT		00		KIND DATE				APPL	ICAT		DATE							
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PΙ	US	2004	0014	210		A1		2004	0122		US 2	002-	1968	82		20020716				
	US	7390	659			В2		2008	0624											
	CA	2492	601			A1		2004	0122	.22 CA 2003-2492601							20030626			
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	WO	2004	0076	65		А3		2004	1202											
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- L5 ANSWER 46 OF 64 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
- AU Guo, Ying [Reprint Author]; Hangoc, Gino; Bian, Huimin; Pelus, Louis M.; Broxmeyer, Hal E.
- TI SDF-1/CXCL12 enhances survival of murine embryonic stem cells and their production of myeloid progenitors, but not hemangioblasts.
- SO Blood, (NOV 16 2004) Vol. 104, No. 11, Part 1, pp. 471A.

 Meeting Info.: 46th Annual Meeting of the American-Society-of-Hematology.

 San Diego, CA, USA. December 04 -07, 2004. Amer Soc Hematol.

 CODEN: BLOOAW. ISSN: 0006-4971.
- L5 ANSWER 47 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Daley, George Q.
- TI Hematopoietic stem cells
- SO Handbook of Stem Cells (2004), Volume 1, 279-283. Editor(s): Lanza, Robert. Publisher: Elsevier Inc., Burlington, Mass. CODEN: 69GGAH; ISBN: 0-12-436643-0
- L5 ANSWER 48 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- AU Kanda, Seiji; Tamada, Yasuko; Yoshidome, Atsuko; Hayashi, Itoko; Nishiyama, Toshimasa
- TI Over-expression of bHLH genes facilitate neural formation of mouse embryonic stem (ES) cells in vitro
- SO International Journal of Developmental Neuroscience (2004), 22(3), 149-156 CODEN: IJDND6; ISSN: 0736-5748
- L5 ANSWER 49 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
- IN Davidson, Bruce Paul
- TI Production of neural progenitor cells from pluripotent cells
- SO PCT Int. Appl., 74 pp.

CODEN: PIXXD2 PATENT NO. KIND DATE APPLICATION NO. ____ WO 2003095629 A1 WO 2003-AU552 20031120 20030509 PΙ W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

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    ANSWER 50 OF 64 CAPLUS COPYRIGHT 2008 ACS on STN
L5
    Bhatia, Mickie; Madrenas, Joaquin; Ferber, Iris A.; Majumdar, Anish Sen
ΙN
ΤI
    Hematopoietic cells from human embryonic stem cells
SO
    PCT Int. Appl., 53 pp.
    CODEN: PIXXD2
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                        A2
    WO 2003050251
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- L5 ANSWER 51 OF 64 MEDLINE on STN DUPLICATE 7
- AU Kuo Hung-Chih; Pau K-Y Francis; Yeoman Richard R; Mitalipov Shoukhrat M; Okano Hideyuki; Wolf Don P

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